

AMENDMENTS TO THE CLAIMS

Please amend the claims as follows.

1. – 6. (Cancelled)

7. (Currently Amended) An authentication device of a message comprising
a message storage device,
a protected device connected to said message storage device, the protected device configured
to ensure protection of the message;
a display device connected to said protected device, wherein the protected device is
constituted by a microprocessor card provided with input[[s]]/output[[s]] I₁/O₁ of
commands/data for [[the]] a first link with said message storage device and
input/output I₂/O₂ of display for [[the]] a second link with said display device,
wherein the first and the second links are physically separate,
wherein the protected device is configured to hash the message received from the message
storage device and to send the message to the display device.
8. (Currently Amended) The authentication device according to claim 7, characterized in that a
single ~~the only~~ logic link between the commands/data circulating between said protected device
and said message storage device on one hand and data circulating between said protected device
and said display device on the other hand, is [[the]] a software of said protected device.
9. (Currently Amended) The authentication device according to claim 7, characterized in that said
display device is one selected from a group consisting of a printer, a screen, [[or]] and a filing
device.

10. (Currently Amended) A microprocessor card able to be connected to a message storage device and to a display device, characterized in that it is provided with input[[s]]/output[[s]] I₁/O₁ of commands/data for [[the]] a first link with said message storage device and input/output I₂/O₂ of display for [[the]] a second link with said display device, wherein the first and the second links are physically separate, and
- characterized in that ~~the only~~ a single logic link between the commands/data circulating between said microprocessor card and said message storage device on one hand and data circulating between said microprocessor card and said display device on the other hand, is [[the]] a software of said microprocessor card,
- wherein the microprocessor card is configured to hash the message received from the message storage device and to send the message to the display device.
11. (Currently Amended) The microprocessor card according to claim 10, characterized in that ~~the only~~ a single logic link between the commands/data circulating between said microprocessor card and said message storage device on one hand and data circulating between said microprocessor card and said display device on the other hand, is [[the]] a software of said microprocessor card.
12. (Previously Presented) The microprocessor card according to claim 10, characterized in that it comprises a physically separate inlet to enter a confidential code.
13. (Currently Amended) A box able to receive a protected device and able to be connected to a message storage device and to a display device, characterized in that it comprises a data/command circuit for [[the]] a first link with said message storage device and a display circuit for [[the]] a second link with said display device, [[the]] an inlet[[s]]/outlet[[s]] of said data/command circuit and said display circuit being electrically independent, and
- characterized in that [[the]] a single [[only]] logic link between the data circulating in the data/commands and display circuits is [[the]] a software of said protected device,
- wherein the protected device is configured to hash the message received from the message storage device and to send the message to the display device.

14. (Currently Amended) The box according to claim 13, characterized in that ~~the only~~ a single logic link between the data circulating in the data/commands and display circuits is the software of said protected device.
15. (Previously Presented) The box according to claim 13, characterized in that it comprises a keyboard allowing to enter data, such as a confidential code.
16. (Previously Presented) An authentication device of a message, comprising
a storage device,
a protected device connected to said storage device, the protected device configured to ensure protection of the message;
a display device connected to said protected device to form a secure environment,
wherein the protected device comprises a microprocessor card, the microprocessor card being configured to form a bridge between the storage device and the display device,
wherein the protected device is configured to hash the message received from the storage device and to send the message to the display device, and
wherein the storage device is an uncertain zone and the display device is a certain zone.
17. (Previously Presented) The authentication device of claim 7, wherein the display device is configured to display the message received from the protected device, and wherein the message displayed by the display device corresponds to the message hashed by the protected device.
18. (Previously Presented) The microprocessor card of claim 10, wherein the display device is configured to display the message received from the microprocessor card, and wherein the message displayed by the display device corresponds to the message hashed by the microprocessor card.
19. (Previously Presented) The box of claim 13, wherein the display device is configured to display the message received from the protected device, and wherein the message displayed by the display device corresponds to the message hashed by the protected device.

20. (Previously Presented) The authentication device of claim 16, wherein the display device is configured to display the message received from the protected device, and wherein the message displayed by the display device corresponds to the message hashed by the protected device.